

ABSTRACT

A resilient, electrically conductive EMI gasket is disposed between two jaws. A cam-lever or other actuator is operably linked to the jaws. The cam-lever can be used to drive the jaws closer together, thereby squeezing the gasket and causing a portion of the gasket to protrude, preferably beyond an edge of at least one of the jaws. The protruding portion of the gasket contacts a mating surface of an opening, through which a device was installed, or a mating surface on an adjacent device. This contact seals the space between the EMI gasket mechanism and the mating surfaces, i.e. the contact closes a gap and thus maintains a continuous EMI shield therebetween. The gap is closed against passage of EMI radiation without relying on device insertion force to cause the EMI gasket to adequately contact the mating surface. Alternatively, an inflatable resilient EMI gasket is in fluid communication with a pump, and an actuator is operably linked to the pump. The actuator can be used to operate the pump and, thereby, inflate the gasket, thus causing a portion of the gasket to protrude and contact a mating surface.

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